

Claims

1. A method for locating a telephone terminal (IP-Tln) in the case of a voice connection conducted via a packet network (IPNET),
5 according to which
 - a registration of the telephone terminal (IP-Tln) with a server (SER) is performed wherein the call number of the telephone terminal (IP-Tln) and localization information
10 assigned to the call number are stored in the server (SER),
 - the localization of the telephone terminal (IP-Tln) is initiated in the course of a voice connection,
 - in order to locate the telephone terminal (IP-Tln) on the basis of the call number of the telephone terminal (IP-Tln) a
15 query is issued to the server (SER) to interrogate the localization information assigned to said call number, and
 - the position of the telephone terminal (IP-Tln) is determined on the basis of the localization information.
- 20 2. The method as claimed in claim 1, characterized in that the server is localized in the packet network (IPNET).
3. The method as claimed in claim 1 or 2,
25 characterized in that a localization of a telephone terminal (IP-Tln) connected directly to the packet network (IPNET) is performed.
4. The method as claimed in claim 3,
30 characterized in that
 - the packet network is a network based on the IP (Internet Protocol) protocol and

- the position of an IP telephone or a computer equipped for voice communication is determined.

5. The method as claimed in one of the preceding claims,
5 characterized in that

- the localization of the telephone terminal (IP-Tln) is initiated in the course of the connection setup.

6. The method as claimed in one of the preceding claims,
10 characterized in that

- the localization of the telephone terminal (IP-Tln) is performed in the course of a voice connection of the telephone terminal that is to be located to a terminal (B-TLN) connected to a TDM (Time Division Multiplexing) network, and

15 - the localization is initiated in a switching system (Vst) responsible for switching incoming calls to the terminal (B-Tln) connected to the TDM network.

7. The method as claimed in one of the preceding claims,
20 characterized in that

- the localization information is sent using e-mail, SMS (Short Messaging Service) or fax from the server (SER) to the terminal (B-TLN) called in the course of the voice connection or a switching system (Vst) responsible for the terminal.

25 8. The method as claimed in one of the preceding claims, characterized in that
- during the registration of the telephone terminal (IP-Tln) a packet network address of the telephone terminal (IP-Tln) is
30 stored in the server (SER).

9. The method as claimed in one of the preceding claims, characterized in that

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- the localization of the telephone terminal (IP-Tln) is performed in the course of a voice connection of the telephone terminal (IP-Tln) to a terminal (B-Tln) of an emergency call center.

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10. The method as claimed in one of the preceding claims, characterized in that

- the telephone terminal (IP-Tln) is registered with a server (SER) operated by an internet service provider.

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